

SEP 01 2006

Application No.: 10/695,499

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**In the claims:**

Claim 1 (Canceled)

Claim 2 (Previously Presented) An isolated nucleic acid molecule which encodes a protein comprising an amino acid sequence of SEQ ID NO:4.

Claim 3 (Previously Presented) A nucleic acid molecule according to claim 2, comprising a nucleotide sequence of SEQ ID NO:3.

Claims 4-7 (Canceled)

Claim 8 (Currently Amended) An isolated nucleic acid molecule encoding an immunogenic polypeptide having 50% or greater sequence identity to an amino acid sequence of SEQ ID NO:4 ~~the nucleic acid molecule of claim 2.~~

Claim 9 (Canceled)

Claim 10 (Previously Presented) An isolated nucleic acid molecule comprising a fragment of 25 or more nucleotides of a nucleotide sequence of SEQ ID NO:3.

Claim 11 (Currently amended) An isolated nucleic acid molecule comprising a nucleotide sequence fully complementary to a nucleic acid molecule encoding an immunogenic polypeptide having 50% or greater sequence identity to an amino acid sequence of SEQ ID NO:4 according to claim 8.

Claim 12 (Currently amended). An isolated nucleic acid molecule comprising a nucleotide sequence encoding an immunogenic polypeptide, wherein the nucleotide sequence has having 50%

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or greater sequence identity to a nucleic acid molecule comprising a nucleotide sequence of SEQ ID NO:3.

Claim 13 (Currently Amended) An isolated nucleic acid molecule encoding an immunogenic polypeptide, wherein the isolated nucleic acid molecule which can hybridise to a nucleic acid molecule which encodes a protein comprising an amino acid sequence of SEQ ID NO:4 according to claim 8 under high stringency conditions comprising a wash in 0.1xSSC, 0.5% SDS solution at 65°C

Claims 14-17 (Canceled)

Claim 18 (Previously Presented) An isolated nucleic acid molecule that encodes a protein comprising an immunogenic fragment of at least 10 consecutive amino acids of an amino acid sequence of SEQ ID NO:4.

Claim 19 (Currently Amended) [[An]] The isolated nucleic acid molecule of claim 8 wherein the immunogenic polypeptide has 80% or greater sequence identity to an amino acid sequence of SEQ ID NO:4 having 80% or greater sequence identity to the nucleic acid molecule of claim 2.

Claim 20 (Currently Amended) [[An]] The isolated nucleic acid molecule of claim 8 wherein the immunogenic polypeptide has 90% or greater sequence identity to an amino acid sequence of SEQ ID NO:4 having 90% or greater sequence identity to the nucleic acid molecule of claim 2.

Claim 21 (Currently Amended) [[An]] The isolated nucleic acid molecule of claim 8 wherein the immunogenic polypeptide has 95% or greater sequence identity to an amino acid sequence of SEQ ID NO:4 having 95% or greater sequence identity to the nucleic acid molecule of claim 2.